

**Trellis Based Maximum Likelihood Signal Estimation Method and Apparatus for  
Blind Joint Channel Estimation and Signal Detection;**

Inventor(s): Cao et al.  
Filed: November 27, 2001

Attorney Docket: MH-5081  
1 of 4 Drawing Sheets

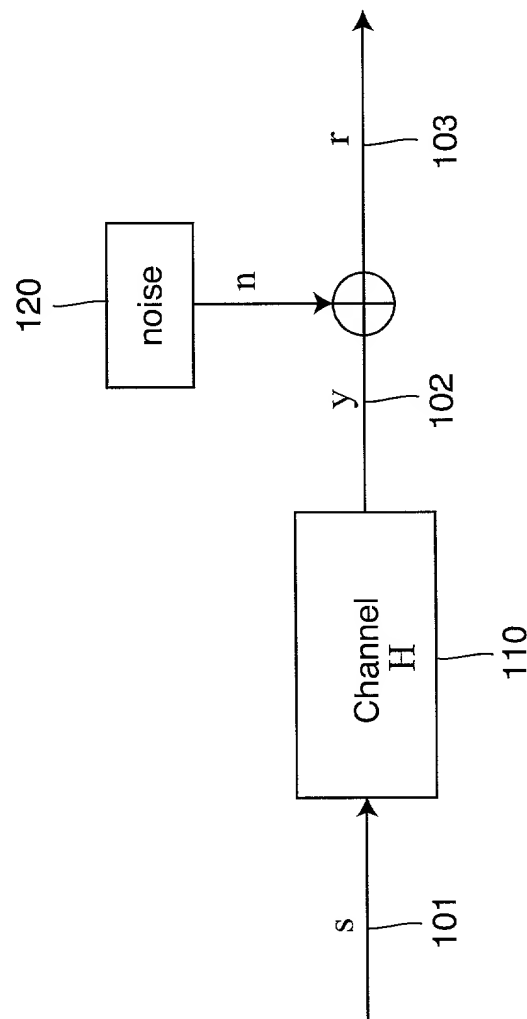


FIG.1

FIG. 1

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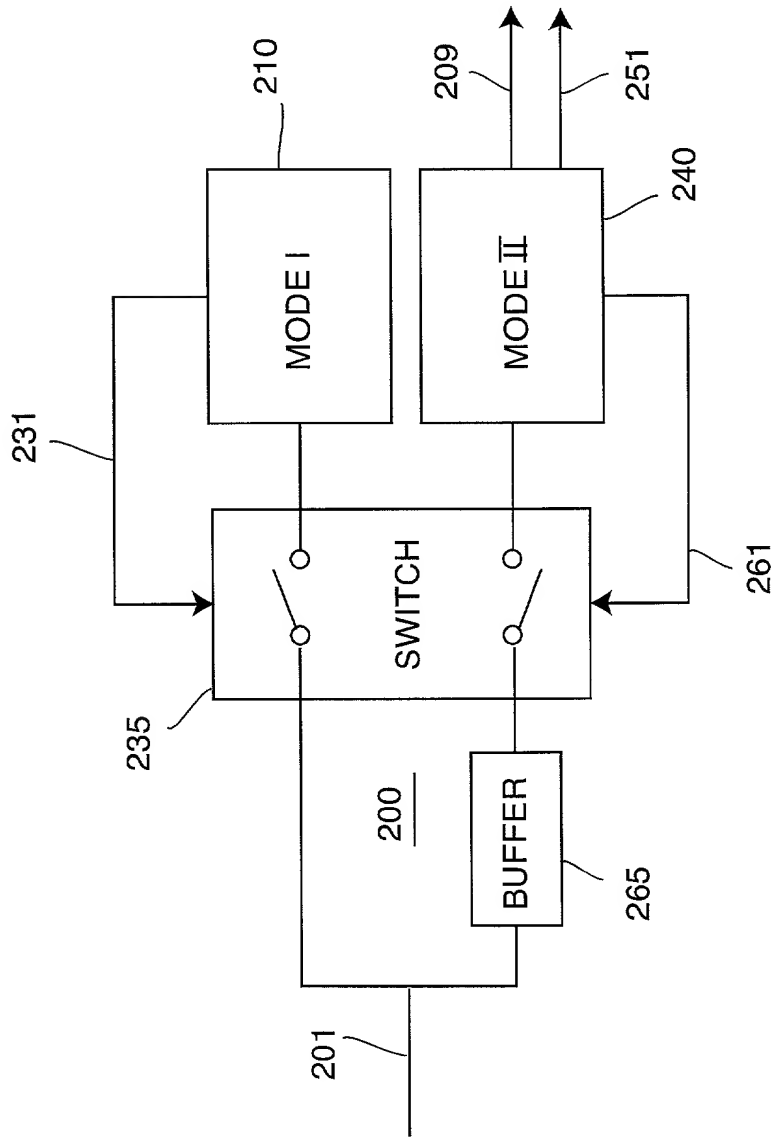


FIG. 2 a

**Trellis Based Maximum Likelihood Signal Estimation Method and Apparatus for  
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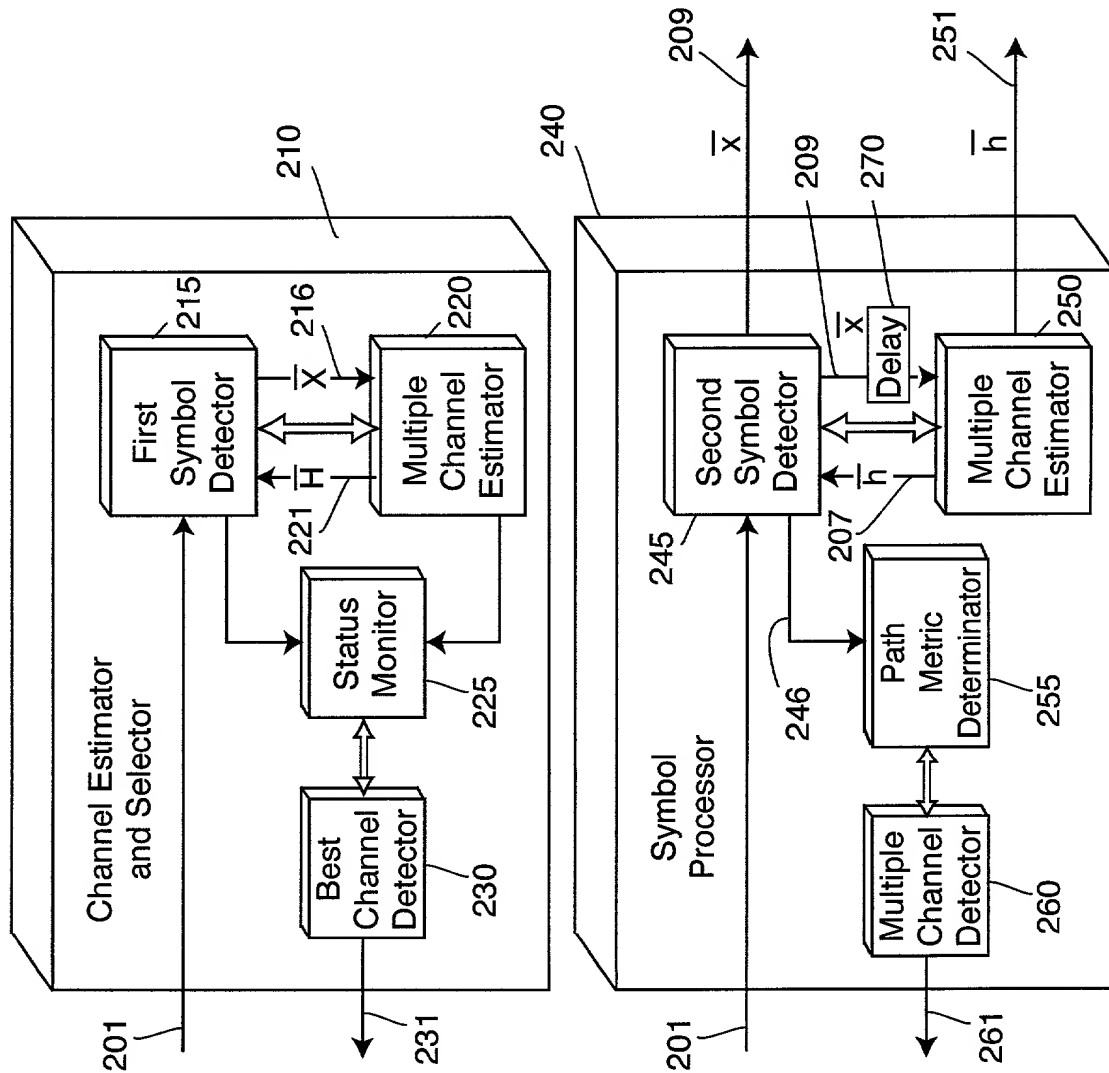
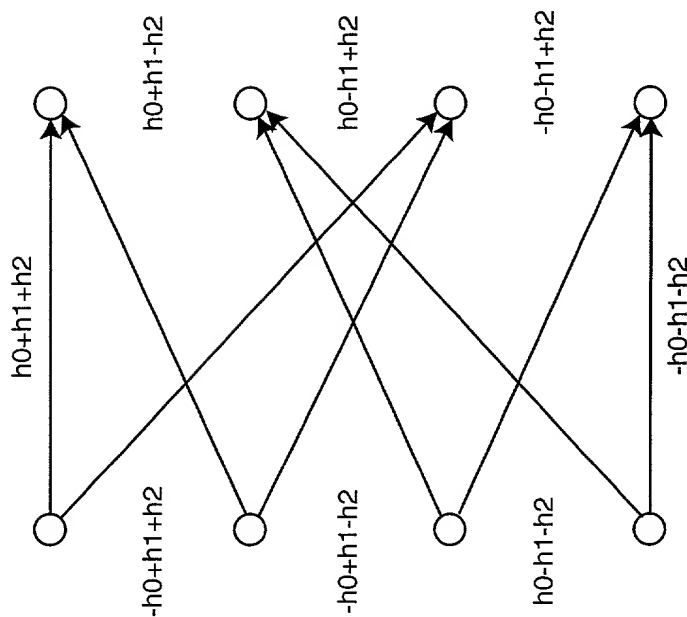


FIG. 2b

**Trellis Based Maximum Likelihood Signal Estimation Method and Apparatus for  
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FIG. 3